

FIG. 6

Application No. 10/030,522
 Amtd. Dated August 8, 2005
 Reply to Office Action of
 December 15, 2004
 Replacement Sheet

VH BO 2C11

1/1

atg gac tgg acc tgg agg atc ctc ttc ttg gty gca gca gct aca ggc acc cac ggc cag
 Met asp trp thr trp arg ile leu phe leu val ala ala thr gly thr his ala gln

31/11

61/21

gtc caa ctg gta cag tct ggg gct gag gty aag aag cct ggg gcc tca gty aag gtc tcc
 val gln leu val gln ser gly ala gln val lys lys pro gly ala ser val lys val ser

91/31

121/41

tgc aag gtt tcc gga tac acc ctg act gaa tta ccc gty cac tgg gty gga cag gct cct
 cys lys val ser gly tyr thr leu thr glu leu pro val his trp val gly gln ala pro

151/51

<-----CDR 1----->

181/61

211/71

gga aaa ggg ctt gag tgg gty gga agt ttt gat cct gaa agt gga gaa tca atc tac gca
 gly lys gly leu glu trp val gly ser phe asp pro glu ser gly glu ser ile tyr ala

<-----CDR 2----->

241/81

271/91

cgg gag ttc cag ggc agc gtc acc atg acc gcg gac aca tct aca gac ata gcc tac atg
 arg glu phe gln gly ser val thr met thr ala asp thr ser thr asp ile ala tyr met

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301/101

331/111

gag ctg agc agc ctg aga tct gac gac acc ggc gty tat tac tgt gca gtc cct gac cct
 glu leu ser ser leu arg ser asp asp thr ala val tyr tyr cys ala val pro asp pro

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361/121

391/131

gat gct ttc gat atc tgg ggc caa ggg aca atg gtc acc gtc tct tca gcc tcc acc aag
 asp ala phe asp ile trp gly gln gly thr met val thr val ser ser ala ser thr lys

-----CDR 3----->

421/141

ggc cca tcy gtc ttc ccc ctg gga tcc ggt (SEQ ID NO:5)
 gly pro ser val phe pro leu gly ser arg (SEQ ID NO:2)

FIG. 7

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VI, HQ 2C11

1/1 31/11
 atg gaa acc cca gct cag ctt ctc ctc ctc ctg cta ctc tgg ctc cca gat acc acc gga
 Met glu thr pro ala gln leu leu phe leu leu leu leu trp leu pro asp thr thr gly

61/21 91/31
 gaa att gcg tlg acg cag tct cca ggc acc ctg tct tlg tct cca ggg gaa aga gcc acc
 glu lle ala leu leu thr gln ser pro gly thr leu ser leu ser pro gly glu arg ala thr

121/41 151/51
 ctc tcc tgc agg gcc agt cag agt ttt agc agc agc tac tta gcc tgg tat cag cag aaa
 leu ser cys arg ala ser gln ser phe ser ser tyr leu ala trp tyr gln gln lys
 <-----CDR 1----->

181/61 211/71
 cct ggc cag gct ccc agg ctc ctc atc tat ggt gca tcc acc agg gcc act ggc atc cca
 pro gly gln ala pro arg leu leu lle tyr gly ala ser thr arg ala thr gly lle pro
 <-----CDR 2----->

241/81 271/91
 gac agg ttc agt ggc agt ggg tct ggg aca gac ttc act ctc acc atc agc aga ctg gag
 asp arg phe ser gly ser gly ser gly thr asp phe thr leu thr lle ser arg leu glu

301/101 331/111
 cct gaa gat ttt gca gtc tat tac tgt cag aag tat ggt acg tca gcg atc acc ttc ggg
 pro glu asp phe ala val tyr tyr cys gln lys tyr gly thr ser ala lle thr phe gly
 <-----CDR 3----->

361/121 391/131
 caa ggg aca cga ctg gag att aaa gga act gtg gct gca cca tct gtc ttc atc ttc ccg
 gln gly thr arg leu glu lle lys gly thr val ala ala pro ser val phe lle phe pro

421/141 (SEQ ID NO:6)
 cca tct
 pro ser (SEQ ID NO:3)

FIG. 8

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VH Krlx-1 (Figure 8)

1/1

ATG GAC TGG ACC TGG AGG ATC CTC TTC TTG GTC GCA GCA GCC ACA GCA GCC CAC TCC CAG
 Met Asp Trp Thr Trp Arg Ile Leu Phe Leu Val Ala Ala Ala Thr Gly Ala His Ser Gln

31/11

61/21

GTC CAA CTG GTC CAA TCT GGG GCT GAG GTC AGG ANG OCT GGG GCC TCA GTC AAG GTC TCC
 Val Gln Leu Val Gln Ser Gly Ala Gln Val Lys Lys Pro Gly Ala Ser Val Lys Val Ser

91/31

121/41

TGC AAG ACC TCT GGA TAC AAC TTC ACC GGC TAC TCT CCT TCT TCT GCA CAC ATC TTC ACC GGC
 Cys Lys Thr Ser Gly Tyr Asn Phe Thr Gly Tyr Ser Ala Ser Gly His Ile Phe Thr Ala

151/51

<-----CDRL----->

181/61

TAC TCT GTC CAC TGG GTC GGA CAG GCC CCT GGA CAA GGG CTT GAG TGG ATG GGA AGG ATC
 Tyr Ser Val His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Gln Trp Met Gly Arg Ile

211/71

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41/81

AAC CCT AAC AGT GGT GCC ACA GAC TAT GCA CAT AAA TTT CAG GGC AAG GTC ACC ATG TCC
 Asn Pro Asn Ser Gly Ala Thr Asp Tyr Ala His Lys Phe Gln Gly Arg Val Thr Met Ser

271/91

<-----CDRL----->

301/101

331/111

FIG. 8

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AGG GAC ACG TCC ATC AGC ACA GCC TAC ATG GAA CTG AGC AGC CTG ACA TCT GAC GAC ACG
 Arg Asp Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Arg Leu Thr Ser Asp Asp Thr

361/121 391/131
 GCC ATG TAT TAC TGT GCG AGA GCC GAC AAC TAT TTC GAT ATT GTG ACT GAC TAT ACT TCT
 Ala Met Tyr Tyr Cys Ala Arg Ala Asp Asn Tyr Phe Asp Ile Val Thr Gly Tyr Thr Ser

<-----CDR3----->

421/141

451/151

CAT TAC TTT GAC TAC TGG GCG CGG GGA AOC CTG GTC ACC GTC TCC TCA (SEQ ID NO:7)
 His Tyr Phe Asp Tyr Trp Gly Arg Gly Thr Leu Val Thr Val Ser Ser (SEQ ID NO:8)

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FIG. 9

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VL KR1X 1

1/1 31/11
 ATG GAA ACC CCA GCT CAG CTC CTC CTC CTA CTC TGG CTC CCA GAT ACC ACC GGA
 Met glu thr pro ala gln leu leu phe leu leu leu leu trp leu pro asp thr thr gly
 61/21 91/31
 GAA ATT GTG TTG ACG CAG TTC CCA GGC ACC CTG TCT TGT TCT CCA GGG GAA AGA GCC ACC
 glu ile val leu thr gln phe pro gly thr leu ser leu ser pro gly glu arg ala thr
 121/41 151/51
 CTC TCC TGC AGG GCC AGT CAG AGT GTT GCC AGC GCC TAC TTA GCC TGG TAC CAG CAA AAA
 leu ser cys arg ala ser gln ser val ala ser ala tyr leu ala trp tyr gln gln lys
 <-----CDR 1----->
 181/61 211/71
 CCT GGC CAG GCT CCC AGG CTC CTC ATC TAT GGT GCA TCC AGT AGG GCC ACC GAC ATC CCA
 pro gly gln ala pro arg leu leu ile tyr gly ala ser ser arg ala thr asp ile pro
 <-----CDR 2----->
 241/81 271/91
 CAC AGG TTC AGT GGC AGT GGG TCT GGG ACA GAC TTC ACT CTC ACC ATC AGC AGA CTG GAG
 his arg phe ser gly ser gly ser thr asp phe thr leu thr ile ser arg leu glu
 301/101 331/111
 CCT GAA GAT TTT GCA GTG TAC TAC TGT CAG GAA TAT GGT ACC TCA GCC TTA CTC ACT TTC
 pro glu asp phe ala val tyr tyr cys gln gln tyr gly thr ser ala leu leu thr phe
 <-----CDR 3----->
 361/121 391/131
 GGC GGA GGG ACC AAG GTG GAG ATC AAA CGA ACT GTG GCT GCA CCA TCT GTC TTC ATC TTC
 gly gly gly thr lys val glu ile lys arg thr val ala ala pro ser val phe ile phe
 421/141
 CCG CCA TCT (SEQ ID NO:4)
 pro pro ser (SEQ ID NO:1)